HITACHI

CL1709R
CL1709TY

SUPPLEMENT AU MANUEL TECHNIQUE

SERVICE HANDBUCH—ANHANG

Cette annexe devrait être utilisée conjointement avec le manuel technique CL1408R/RX/TY référence X830684.
Dieser Anhang sollte in Verbindung mit dem Service Handbuch CL1409R Teil Nr. X830684, verwendet werden.

ZUBEHÖRTEILE

⚠Bildröhre Typ A41EAM11X01	2470841
⚠Gehäuse Rückwand	X240242
Gahäuse Vorderseite CL1709R	X221282
Gahäuse Vorderseite CL1709TY	X221283
HITACHI Firmenzeichen	3792981
⚠Netzkabel	E846605
Einschaltknopf	X321012
Bedienungsanleitung CL1709R	X830673
Bedienungsanleitung CL1709TY	X830672
Stabantenne	2759301
Fernbedienung Handgerät CLE-876C	2572283
Fernbedienung Fenster (Gehäuse)	X425031

VERSCHIEDENE TEILE

Anschlussbuchsen	2672073
⚠Bildröhrensockel	2954861
Entmagnetisierungsspule	2229761
⚠Sicherung Typ T2.0A	E882359
⚠Sicherung Type T3.15A	E882368
Halter für Sicherung	2721793
⚠EIN/AUS Schalter	2633391
21-Pin Peri—Buchse	E826918
Lautsprecher 7.5 cm 8 ohms	E511101
Tastschalter Block (SW001)	2632851
Abstimmeinheit Tuner	2428431

PIECES DE PRESENTATION

⚠Tube cathodique type A41EAM11X01	2470841
⚠Arrière du cadre	X240242
Avant du cadre CL1709R	X221282
Avant du cadre CL1709TY	X221283
Sigle HITACHI	3792981
⚠Câble secteur	E846605
Interrupteur secteur	X321012
Guide d'opération CL1709R	X830673
Guide d'ópération CL1709TY	X830672
Antenne téléscopique	2759301
Boîtier de télécommande CLE-876C	2572283
Fenêtre (sur cadre) de télécommande	X425031

PIECES DIVERSES

⚠Prise tube cathodique	2954861
Bobine de démagnétisation	2229761
⚠Fusible de type T2.0A	E882359
⚠Fusible de type T3.15A	E882368
Support fusible	2721793
⚠Commutateur ON/OFF	2633391
Prise péritel à 21 broches	E826918
Prises Phono	2672073
Haut-parleur 7,5 cm 8 ohms	E511101
Bloc de touches (SW001)	2632851
Tuner	2428431

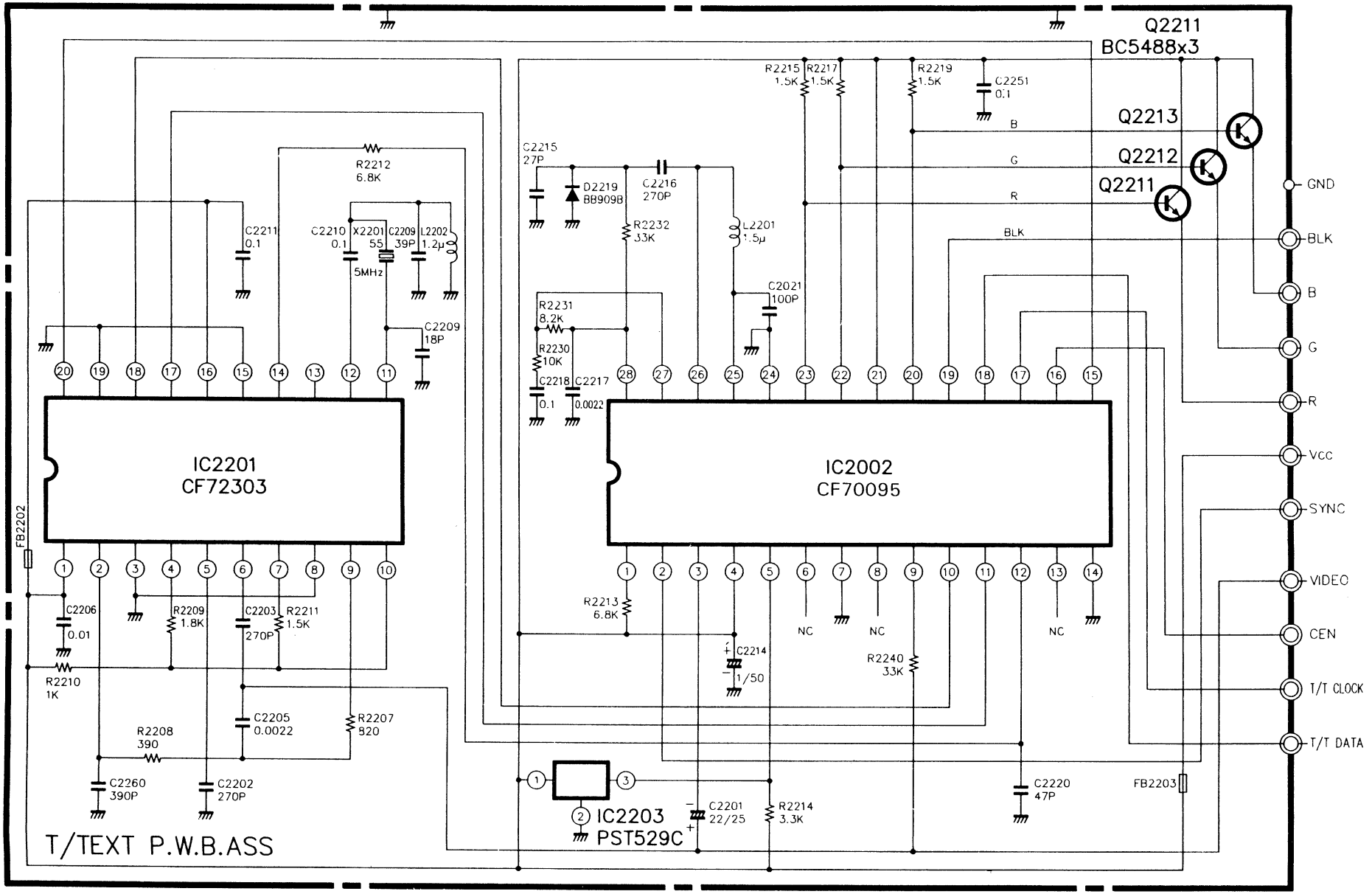
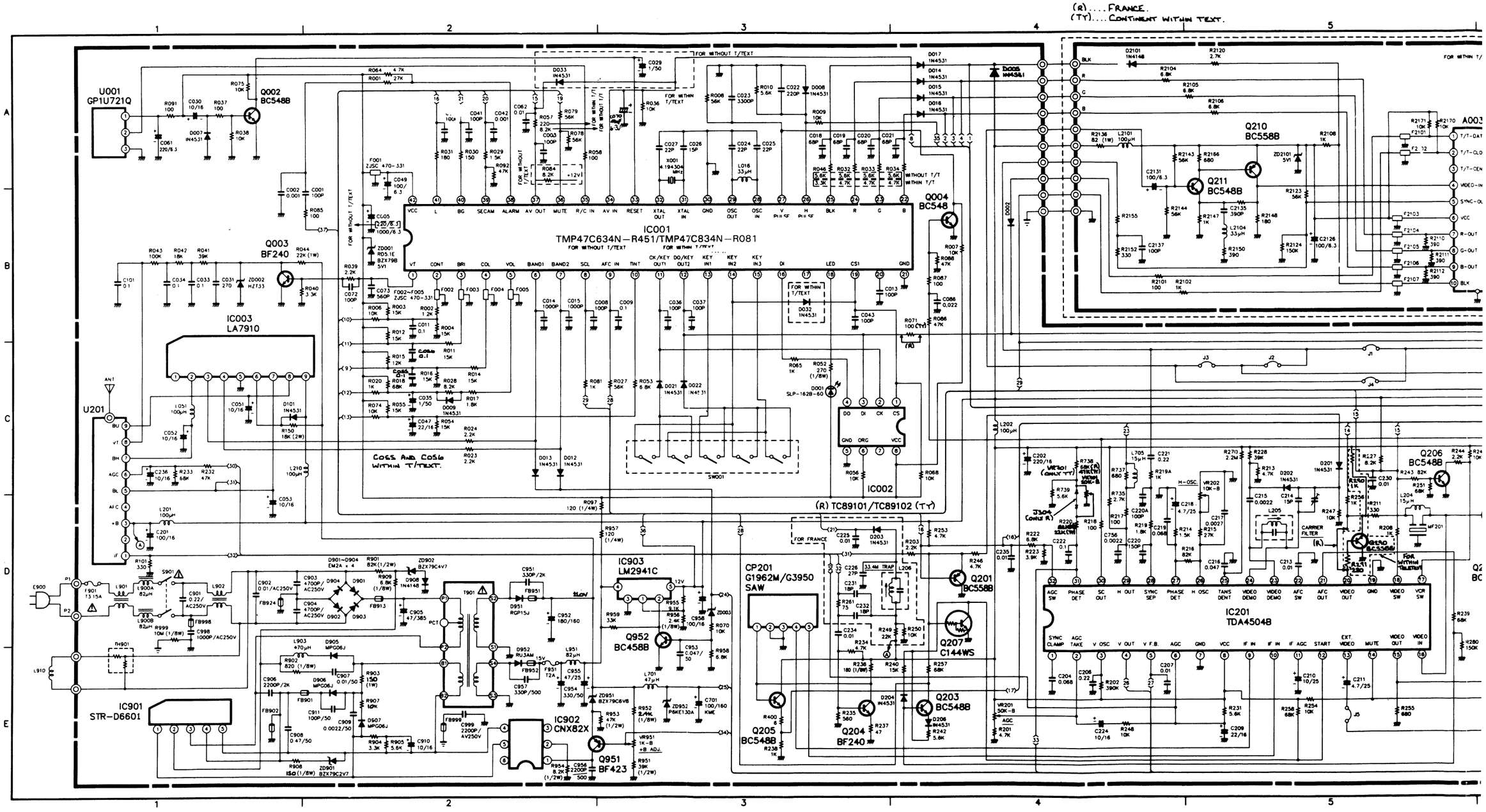
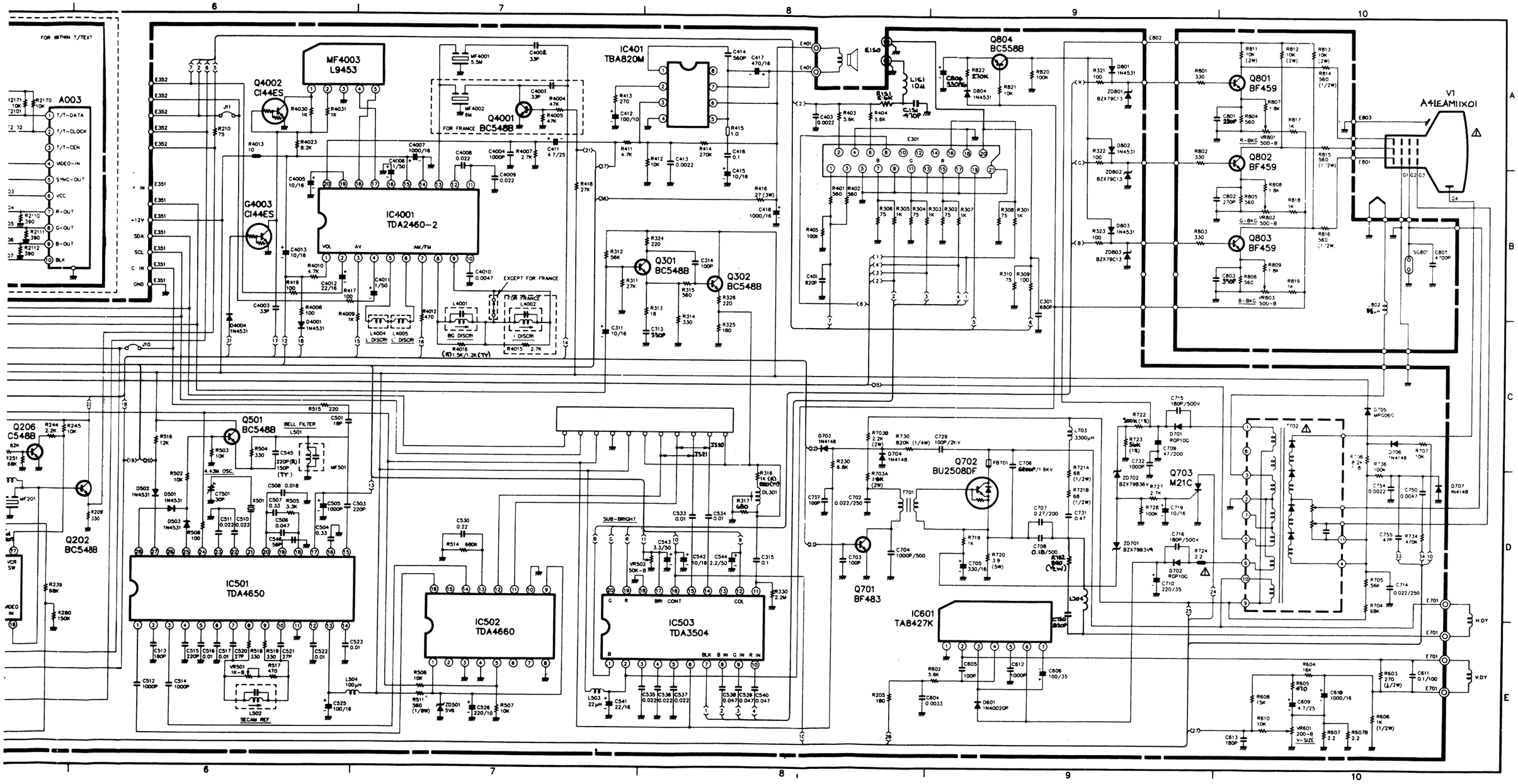


SCHÉMA TÉLÉTEXTE

TELETEXT-SCHALTBILD

(R)....FRANCE.
(TT)....CONTINENT WITHIN TEXT.


U001 GP1U721Q
Q002 BC548B
Q003 BF240
IC001 TMP47C634N-R451/TMP47C834N-R081
FOR WITHOUT T/TEXT
FOR WITHIN T/TEXT
IC003 LA7910
U201
IC901 STR-D6601
IC902 CNX82X
Q951 BF423
IC903 LM2941C
CP201 G1962M/G3950 SAW
Q952 BC458B
IC002
(R) TC89101/TC89102 (TT)
SW001
Q210 BC558B
Q211 BC548B
Q004 BC548
Q201 BC558B
Q207 C144WS
Q203 BC548B
Q204 BF240
Q205 BC548B
Q206 BC548B
IC201 TDA4504B
J304 (ONLY R)
CARRIER FILTER (R)
COSS AND COSG WITHIN T/TEXT.
FOR FRANCE
FOR WITHIN T/
VCC L BG SECAM ALARM AV OUT MUTE R/C IN AV IN RESET XTAL OUT XTAL IN GND OSC OUT OSC IN V PULSE H PULSE BLK R G B
VT CONT BRI COL VOL BAND1 BAND2 SCL AFC IN TINT CK/KEY OUT1 DO/KEY OUT2 KEY IN1 KEY IN2 KEY IN3 DI LED CS1 GND
T/T-DAT T/T-CLO T/T-CEN VIDEO-IN SYNC-OL VCC R-OUT G-OUT B-OUT BLK
AGC SW PHASE DET SC OUT H OUT SYNC SEP PHASE DET H OSC TANS DENT VIDEO DEMO VIDEO DEMO AFC SW AFC OUT VIDEO OUT GND VIDEO SW VCR SW
SYNC CLAMP AGC TAKE V OSC V OUT V F.B. AGC GND VCC IF IN IF IN IF AGC START EXT VIDEO MUTE VIDEO OUT VIDEO IN


6
7
8
9
10
A
B
C
D
E
FOR WITHIN T/TEXT
A003
T/T-DATA
T/T-CLOCK
T/T-CEN
VIDEO-IN
SYNC-OUT
VCC
R-OUT
G-OUT
B-OUT
BLK
MF4003
L9453
Q4002
C144ES
G4003
C144ES
MF4001
5.5M
MF4002
6M
Q4001
FOR FRANCE BC548B
IC401
TBA820M
IC4001
TDA2460-2
VOL
AV
AM/FM
EXCEPT FOR FRANCE
FOR FRANCE
L4001
L4002
BG DISCRI
I DISCRI
L4004
L4005
L DISCRI
L DISCRI
Q301
BC548B
Q302
BC548B
Q804
BC558B
Q801
BF459
Q802
BF459
Q803
BF459
R-BKG
G-BKG
B-BKG
V1
A41EAM11X01
Q206
C548B
Q202
BC548B
Q501
BC548B
BELL FILTER
L501
4.43M OSC
IC501
TDA4650
IC502
TDA4660
IC503
TDA3504
SUB-BRIGHT
Q701
BF483
Q702
BU2508DF
Q703
M21C
IC601
TA8427K
H.DY
V.DY
SECAM REF.

PRODUCT SAFETY NOTE: Components marked with a ⚠ have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE at the beginning of the CL1408R/RX/TY Service Manual. Don't degrade the safety of the receiver through improper servicing.

Ref No.	Part No.	Value	Type	Tol %	Wattage
*R2171	0700054M	10K	CF	5	1/16
*R2207	0700045M	2K2	CF	5	1/16
*R2208	0700035M	390R	CF	5	1/16
*R2209	0700043M	1K5	CF	5	1/16
*R2210	0700041M	1K0	CF	5	1/16
*R2211	0700043M	1K5	CF	5	1/16
*R2212	0700052M	6K8	CF	5	1/16
*R2213	0700061M	33K	CF	5	1/16
*R2214	0700047M	3K3	CF	5	1/16
*R2215	0700043M	1K5	CF	5	1/16
*R2217	0700043M	1K5	CF	5	1/16
*R2219	0700043M	1K5	CF	5	1/16
*R2230	0700054M	10K	CF	5	1/16
*R2231	0700053M	8K2	CF	5	1/16
*R2232	0700061M	33K	CF	5	1/16
*R2240	0700061M	33K	CF	5	1/16
R4004	0700063M	47K	CF	5	1/16
R4005	0700063M	47K	CF	5	1/16
R4006	0700027M	100R	CF	5	1/16
R4007	0700046M	2K7	CF	5	1/16
R4008	0700027M	100R	CF	5	1/16
R4009	0700041M	1K0	CF	5	1/16
R4010	0700049M	4K7	CF	5	1/16
R4012	0700036M	470R	CF	5	1/16
⚠ R4013	0119514S	10R	FF	5	1/4
R4015	0700046M	2K7	CF	5	1/16
R4016	0700043M	1K5	CF	5	1/16
*R4016	0700042M	1K2	CF	5	1/16
R4023	0700053M	8K2	CF	5	1/16
R4030	0700041M	1K0	CF	5	1/16
R4031	0700041M	1K0	CF	5	1/16

Ref No.	Part No.	Value	Type	Tol %	Wattage

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Ref No.	Part No.	Value	Type	Tol %	Voltage
C001	0890074R	100p	C	5	50
C002	0890087R	1n0	C	-	50
C003	0890074R	100p	C	5	50
C005	0800079	1000u	EL	-	6.3
*C005	0800056R	220u	EL	-	6.3
C008	0890074R	100p	C	5	50
C009	0880057R	100n	PF	10	50
C011	0880057R	100n	PF	10	50
C013	0890074R	100p	C	5	50
C014	0890087R	1n0	C	-	50
C015	0890087R	1n0	C	-	50
C018	0890074R	100p	C	5	50
C019	0890072R	68p	C	-	50
C020	0890072R	68p	C	-	50
C021	0890072R	68p	C	-	50
C022	0890089R	1n5	C	10	50
C023	0880039R	4n7	C	10	50
C024	0890065R	22p	C	5	50
C025	0890065R	22p	C	5	50
C026	0890116R	15p	C	5	50
C027	0890118R	22p	C	5	50
C029	0800003R	1u0	EL	-	50
C030	0800015R	10u	EL	-	16
C031	0890079R	270p	C	10	50
C033	0880057R	100n	PF	10	50
C034	0880057R	100n	PF	10	50
C035	0800003R	1u0	EL	-	50
C036	0890074R	100p	C	5	50
C037	0890074R	100p	C	5	50
C040	0890074R	100p	C	5	50
C041	0890074R	100p	C	5	50
C042	0890087R	1n0	C	-	50
C043	0890074R	100p	C	5	50
C047	0800023R	22u	EL	-	16
C049	0800047R	100u	EL	-	6.3
C051	0800015R	10u	EL	-	16
C052	0800015R	10u	EL	-	16
C053	0800015R	10u	EL	-	16
*C055	0880057R	100n	PF	10	50
*C056	0880057R	100n	PF	10	50
C061	0800056R	220u	EL	-	6.3
C062	0890101R	10n	C	-	50
C070	0800041R	47u	EL	-	16
C072	0890074R	100p	C	5	50
C073	0890084R	560p	C	-	50
C086	0800048R	22n	PF	10	50
C101	0880057R	100n	PF	10	50
C103	C150715	100n	MPO	10	63
CT201	2784693	30p	VARIABLE	CAPACITOR	
C201	0800049R	100u	EL	-	16
C202	0800058R	220u	EL	-	16
C204	0880055R	68n	PF	10	50
C206	0880062R	220n	PF	10	50
C207	0880044R	10n	PF	10	50
C209	0800023R	22u	EL	-	16
C210	0800015R	10u	EL	-	16
*C210	0284399R	10u	EL	-	16
C211	0800009R	4u7	EL	-	25
C213	0880044R	10n	PF	10	50
C214	0890116R	15p	C	5	50
C215	0880035R	2n2	PF	10	50
C216	0880053R	47n	PF	10	50
C217	0279213	2n7	PF	5	50
C218	0800009R	4u7	EL	-	25
C219	0880055R	68n	PF	10	50
C220	0890076R	150p	C	10	50
C220A	0890074R	100p	C	5	50
C221	0880062R	220n	PF	10	50
C222	0880057R	100n	PF	10	50
C224	0252396R	10u	EL	-	16
C225	0890101R	10n	C	-	50
C226	0246450R	27p	C	5	50
C229	0890101R	10n	C	-	50
C230	0890101R	10n	C	-	50
C231	0890117R	18p	C	5	50
C232	0890117R	18p	C	5	50

Ref No.	Part No.	Value	Type	Tol %	Voltage
C234	0890101R	10n	C	-	50
C235	0890101R	10n	C	-	50
C236	0800015R	10u	EL	-	16
C301	0890085R	680p	C	-	50
C311	0800015R	10u	EL	-	16
C313	0890081R	330p	C	10	50
C314	0890074R	100p	C	5	50
C315	0880057R	100n	PF	10	50
C401	0880035R	2n2	PF	10	50
C403	0890086R	820p	C	10	50
C411	0800009R	4u7	EL	-	25
C412	0800048R	100u	EL	-	10
C413	0880035R	2n2	PF	10	50
C414	0890084R	560p	C	10	50
C415	0800015R	10u	EL	-	16
C416	0880057R	100n	PF	10	50
C417	0800074	470u	EL	-	16
C418	0800082	1000u	EL	-	16
C501	0890064R	18p	C	5	50
CT501	*2784693	30p	VARIABLE	CAPACITOR	
C503	0890078R	220p	C	10	50
C504	0800003R	1u0	EL	-	50
C505	0800023R	22u	EL	-	16
C506	0880053R	47n	PF	10	50
C507	0880019R	330n	PF	10	50
C508	0880047R	18n	PF	10	50
C510	0880048R	22n	PF	10	50
C511	0880048R	22n	PF	10	50
C512	0890087R	1n0	C	-	50
C513	0890077R	180p	C	10	50
C514	0890087R	1n0	C	-	50
C515	0890078R	220p	C	10	50
C516	0890101R	10n	C	-	50
C517	0890101R	10n	C	-	50
C520	0890066R	27p	C	5	50
C521	0890066R	27p	C	5	50
C522	0880044R	10n	PF	10	50
C523	0880044R	10n	PF	10	50
C525	0800082	1000u	EL	-	16
C526	0800057R	220u	EL	-	10
C530	0880062R	220n	PF	10	50
C533	0880044R	10n	PF	10	50
C534	0880044R	10n	PF	10	50
C535	0880048R	22n	PF	10	50
C536	0880048R	22n	PF	10	50
C537	0880048R	22n	PF	10	50
C538	0880053R	47n	PF	10	50
C539	0880053R	47n	PF	10	50
C540	0880053R	47n	PF	10	50
C541	0800023R	22u	EL	-	16
C542	0800041R	47u	EL	-	16
C543	0800007R	3u3	EL	-	50
C544	0800005R	2u2	EL	-	50
C545	0890078R	220p	C	10	50
*C545	0890076R	150p	C	10	50
C546	0890071R	56p	C	5	50
C604	0880037R	3n3	PF	10	50
C605	0248694R	270p	C	5	50
C606	0800052R	100u	EL	-	31.5
C609	0800009R	4u7	EL	-	25
C610	0800082	1000u	EL	-	16
C611	0880062R	220n	PF	10	50
C612	0890087R	1n0	C	-	50
C613	0890077R	180p	C	5	50
C701	0259152	100u	EL	-	160
C702	0250511R	22n	PF	10	50
C703	0890074R	100p	C	5	50
C704	0244501R	1n0	C	10	500
C705	0800066R	330u	EL	-	16
C706	0262442	6n2	PF	2	1600
C706B	0246344	100p	C	10	2000
C707	0299931	270n	PF	10	200
C708	0299929	180n	PF	10	200
C709	0255031	47u	EL	-	200
C710	0800061	220u	EL	-	31.5
C714	0250511R	22n	PF	10	250

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Resistor Abbreviation	Type
CF	Carbon Film
MO	Metal Oxide
FF	Fusible Film
VR	Variable Control
MF	Metal Film
WW	Wire Wound

Capacitor Abbreviation	Type
C	Ceramic
PF	Plastic Film
FT	Feed Through
MPO	Met. Polyester
MPS	Mica/Polystyrene
MP	Metallised Paper
TA	Tantalum

Parts marked * in the following parts list are unique to CL709TY models.

Ref No.	Part No.	Value	Type	Tol %	Wattage
R001	0700059M	27K	CF	5	1/16
R002	0700054M	10K	CF	5	1/16
R003	0700056M	15K	CF	5	1/16
R004	0700063M	47K	CF	5	1/16
R006	0700054M	10K	CF	5	1/16
R007	0700054M	10K	CF	5	1/16
R008	0700064M	56K	CF	5	1/16
R009	0700054M	10K	CF	5	1/16
R010	0700051M	5K6	CF	5	1/16
R011	0700056M	15K	CF	5	1/16
R012	0700056M	15K	CF	5	1/16
R014	0700052M	6K8	CF	5	1/16
R015	0700054M	10K	CF	5	1/16
R016	0700063M	47K	CF	5	1/16
R017	0700044M	1K8	CF	5	1/16
R020	0700041M	1K0	CF	5	1/16
R023	0700045M	2K2	CF	5	1/16
R024	0700045M	2K2	CF	5	1/16
R027	0700064M	56K	CF	5	1/16
R028	0700053M	8K2	CF	5	1/16
R029	0700043M	1K5	CF	5	1/16
R030	0700029M	150R	CF	5	1/16
R031	0700031M	180R	CF	5	1/16
R032	0700051M	5K6	CF	5	1/16
R033	0700051M	5K6	CF	5	1/16
R034	0700051M	5K6	CF	5	1/16
*R032-4	0700049M	4K7	CF	5	1/16
R035	0700054M	10K	CF	5	1/16
R036	0700054M	10K	CF	5	1/16
R037	0700027M	100R	CF	5	1/16
R038	0700054M	10K	CF	5	1/16
R039	0700045M	2K2	CF	5	1/16
R040	0700047M	3K3	CF	5	1/16
R041	0700062M	39K	CF	5	1/16
R042	0700057M	18K	CF	5	1/16
R043	0700067M	100K	CF	5	1/16
R044	0110177S	22K	MO	5	1
R046	0700047M	3K3	CF	5	1/16
R052	R227330	270R	CF	5	1/4
R053	0700052M	6K8	CF	5	1/16
R054	0700056M	15K	CF	5	1/16
R055	0700051M	5K6	CF	5	1/16
R056	0700054M	10K	CF	5	1/16
R057	0700032M	220R	CF	5	1/16
R058	0700027M	100R	CF	5	1/16
R064	0700049M	4K7	CF	5	1/16
R065	0700041M	1K0	CF	5	1/16
R068	0700054M	10K	CF	5	1/16
R070	0700054M	10K	CF	5	1/16
R071	0700027M	100R	CF	5	1/16
R074	0700041M	1K0	CF	5	1/16
R075	0700054M	10K	CF	5	1/16
R078	0700064M	56K	CF	5	1/16
R079	0700064M	56K	CF	5	1/16
R081	0700041M	1K0	CF	5	1/16
R084	0700032M	220R	CF	5	1/16
R085	0700027M	100R	CF	5	1/16
R086	0700063M	47K	CF	5	1/16
R087	0700027M	100R	CF	5	1/16
R088	0700057M	18K	CF	5	1/16
R091	0700027M	100R	CF	5	1/16

Ref No.	Part No.	Value	Type	Tol %	Wattage
R092	0700063M	47K	CF	5	1/16
R093	0700048M	3K9	CF	5	1/16
R096	0700027M	100R	CF	5	1/16
R097	R122330	120R	CF	5	1/4
R101	0700034M	330R	CF	5	1/16
R150	0110275S	18K	MO	5	2
R151	0700051M	5K6	CF	5	1/16
VR201	0160218	50K	VR	AGC	SETTING
R201	0700049M	4K7	CF	5	1/16
VR202	0160215	10K	VR	HORIZ.	OSC.
R202	0700075M	390K	CF	5	1/16
R203	0700045M	2K2	CF	5	1/16
R205	0700031M	180R	CF	5	1/16
R208	0700041M	1K0	CF	5	1/16
R209	0700034M	330R	CF	5	1/16
R210	0187038M	75R	CF	5	1/16
R211	0700034M	330R	CF	5	1/16
R213	0700049M	4K7	CF	5	1/16
R214	0700043M	1K5	CF	5	1/16
R215	0187100M	30K	CF	5	1/16
R216	0700066M	82K	CF	5	1/16
R217	0700027M	100R	CF	5	1/16
R218	0700027M	100R	CF	5	1/16
R219	0700038M	680R	CF	5	1/16
R219A	0700041M	1K0	CF	5	1/16
R220	0700058M	22K	CF	5	1/16
R222	0700052M	6K8	CF	5	1/16
R223	0700048M	3K9	CF	5	1/16
R227	0700053M	8K2	CF	5	1/16
R228	0700062M	39K	CF	5	1/16
R230	R638330	6K8	CF	5	1/4
R231	0700051M	5K6	CF	5	1/16
R232	0700063M	47K	CF	5	1/16
R233	0700065M	68K	CF	5	1/16
R234	0700049M	4K7	CF	5	1/16
R235	0700037M	560R	CF	5	1/16
R236	R128330	180R	CF	5	1/4
R237	0700023M	47R	CF	5	1/16
R238	0700041M	1K0	CF	5	1/16
R239	0700065M	68K	CF	5	1/16
R240	0700056M	15K	CF	5	1/16
R242	0700048M	3K9	CF	5	1/16
R243	0700066M	82K	CF	5	1/16
R244	0700045M	2K2	CF	5	1/16
R245	0700054M	10K	CF	5	1/16
R246	0700049M	4K7	CF	5	1/16
R247	0700054M	10K	CF	5	1/16
R248	0700054M	10K	CF	5	1/16
R249	0700058M	22K	CF	5	1/16
R250	0700054M	10K	CF	5	1/16
R251	0700065M	68K	CF	5	1/16
R253	0700049M	4K7	CF	5	1/16
R254	0700054M	10K	CF	5	1/16
R255	0700038M	680R	CF	5	1/16
R257	0700065M	68K	CF	5	1/16
R258	0700065M	68K	CF	5	1/16
R261	0187038M	75R	CF	5	1/16
R270	R262716	2M2	MF	5	1/4
R280	0700069M	150K	CF	5	1/16
R290	0700041M	1K0	CF	5	1/16
R291	0700032M	220R	CF	5	1/16

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Ref No.	Part No.	Value	Type	Tol %	Wattage
R301	0700041M	1K0	CF	5	1/16
R302	0187038M	75R	CF	5	1/16
R303	0700041M	1K0	CF	5	1/16
R304	0187038M	75R	CF	5	1/16
R305	0700041M	1K0	CF	5	1/16
R306	0187038M	75R	CF	5	1/16
R307	0700041M	1K0	CF	5	1/16
R308	0187038M	75R	CF	5	1/16
R309	0700027M	100R	CF	5	1/16
R310	0187038M	75R	CF	5	1/16
R311	0700059M	27K	CF	5	1/16
R312	0700064M	56K	CF	5	1/16
R313	0700017M	18R	CF	5	1/16
R314	0700034M	330R	CF	5	1/16
R315	0700037M	560R	CF	5	1/16
R316	0700041M	1K0	CF	5	1/16
*R316	0700039M	820R	CF	5	1/16
R317	0700038M	680R	CF	5	1/16
R321	0700027M	100R	CF	5	1/16
R322	0700027M	100R	CF	5	1/16
R323	0700027M	100R	CF	5	1/16
R324	0700032M	220R	CF	5	1/16
R325	0700031M	180R	CF	5	1/16
R326	0700032M	220R	CF	5	1/16
R330	R262716	2M2	MF	5	1/4
R401	0700037M	560R	CF	5	1/16
R402	0700037M	560R	CF	5	1/16
R403	0700051M	5K6	CF	5	1/16
R404	0700051M	5K6	CF	5	1/16
R405	0700067M	100K	CF	5	1/16
R411	0700049M	4K7	CF	5	1/16
R412	0700054M	10K	CF	5	1/16
R413	0700033M	270R	CF	5	1/16
R414	0700073M	270K	CF	5	1/16
⚠ R415	0119512S	1R0	FF	5	1/4
R416	0110308S	30R	MO	5	2
R417	0700041M	1K0	CF	5	1/16
R418	0700059M	27K	CF	5	1/16
R419	0700027M	100R	CF	5	1/16
VR501	0160211	1K0	VR	SECAM	WHITE BALANCE
R501	0700043M	1K5	CF	5	1/16
VR502	0160228	50K	VR	SUB	BRIGHTNESS
R502	0700054M	10K	CF	5	1/16
R503	0700054M	10K	CF	5	1/16
R504	0700034M	330R	CF	5	1/16
R505	0700047M	3K3	CF	5	1/16
R506	0700054M	10K	CF	5	1/16
R507	0700054M	10K	CF	5	1/16
R508	0700027M	100R	CF	5	1/16
R511	R526330	560R	CF	5	1/4
R514	R658330	680K	CF	5	1/4
R515	0700032M	220R	CF	5	1/16
R516	0700055M	12K	CF	5	1/16
R517	0700036M	470R	CF	5	1/16
R518	0700034M	330R	CF	5	1/16
R519	0700034M	330R	CF	5	1/16
VR601	0160411	200R	VR	VERT.	HEIGHT
R602	0700051M	5K6	CF	5	1/16
R603	R227319	270R	CF	5	1/2
R604	0187094M	16K	CF	5	1/16
R605	0700036M	470R	CF	5	1/16
R606	R130319	1K0	CF	5	1/2
R607	R300319	3R0	CF	5	1/2
R607B	R300319	3R0	CF	5	1/2
R608	0700056M	15K	CF	5	1/16
R610	0700054M	10K	CF	5	1/16
R703A	0110251S	1K8	MO	5	2
R703B	0110253S	2K2	MO	5	2
R704	R648330	68K	CF	5	1/4
R705	R546330	56K	CF	5	1/4
R706	R832330	8K2	CF	5	1/4
R707	0700054M	10K	CF	5	1/16
R719	0700041M	1K0	CF	5	1/16
R720	0147530	3R9	WW	10	5
R721A	R618319	68R	CF	5	1/2
R721B	R618319	68R	CF	5	1/2

Ref No.	Part No.	Value	Type	Tol %	Wattage
R722	0119663M	220K	MF	5	1/8
R723	0119645M	39K	MF	5	1/8
⚠ R724	0119505S	2R2	FF	5	1/4
R727	0700046M	2K7	CF	5	1/16
R728	0700067M	100K	CF	5	1/16
R730	0179558M	820K	CF	5	1/8
R732	R822319	820R	CF	5	1/2
R734	R457330	470K	CF	5	1/4
R735	0700046M	2K7	CF	5	1/16
R736	R150330	100K	CF	5	1/4
R737	0700038M	680R	CF	5	1/16
R738	0700063M	47K	CF	5	1/16
VR801	0160413	500R	VR	RED	BACKGROUND
R801	0700034M	330R	CF	5	1/16
VR802	0160413	500R	VR	GREEN	BACKGROUND
R802	0700034M	330R	CF	5	1/16
VR803	0160413	500R	VR	BLUE	BACKGROUND
R803	0700034M	330R	CF	5	1/16
R804	0700037M	560R	CF	5	1/16
R805	0700037M	560R	CF	5	1/16
R806	0700037M	560R	CF	5	1/16
R807	0700044M	1K8	CF	5	1/16
R808	0700044M	1K8	CF	5	1/16
R809	0700044M	1K8	CF	5	1/16
R811	0110269S	10K	MO	5	2
R812	0110269S	10K	MO	5	2
R813	0110269S	10K	MO	5	2
R814	R526319	560R	CF	5	1/2
R815	R526319	560R	CF	5	1/2
R816	R526319	560R	CF	5	1/2
R817	0700041M	1K0	CF	5	1/16
R818	0700041M	1K0	CF	5	1/16
R819	0700041M	1K0	CF	5	1/16
R820	0700067M	100K	CF	5	1/16
R821	0700054M	10K	CF	5	1/16
R823	R140330	10K	CF	5	1/4
R851	R447319	47K	CF	5	1/2
R852	R638330	6K8	CF	5	1/4
R901	R842319	82K	CF	5	1/2
R902	R822330	820R	CF	5	1/4
R903	0110125S	150R	MO	5	1
R904	0700047M	3K3	CF	5	1/16
R905	0700051M	5K6	CF	5	1/16
R907	0700054M	10K	CF	5	1/16
R908	R125330	150R	CF	5	1/4
VR951	0160211	1K0	VR	H.T.	PRESET
R951	R349319	39K	CF	5	1/2
R952	R234330	2K4	CF	5	1/4
R953	R447319	47K	CF	5	1/2
R954	R832319	8K2	CF	5	1/2
R955	0187088M	9K1	CF	5	1/16
R956	0700041M	1K0	CF	5	1/16
R957	R122330	120R	CF	5	1/4
R958	0700052M	6K8	CF	5	1/16
R959	0700061M	33K	CF	5	1/16
*R2101	0700027M	100R	CF	5	1/16
*R2102	0700041M	1K0	CF	5	1/16
*R2104	0700052M	6K8	CF	5	1/16
*R2105	0700052M	6K8	CF	5	1/16
*R2106	0700052M	6K8	CF	5	1/16
*R2108	0700041M	1K0	CF	5	1/16
*R2110	0700035M	390R	CF	5	1/16
*R2111	0700035M	390R	CF	5	1/16
*R2112	0700035M	390R	CF	5	1/16
*R2120	0700046M	2K7	CF	5	1/16
*R2123	0700064M	56K	CF	5	1/16
*R2124	0700069M	150K	CF	5	1/16
*R2136	0110119S	82R	MO	5	1
*R2143	0700064M	56K	CF	5	1/16
*R2144	0700064M	56K	CF	5	1/16
*R2147	0700044M	1K8	CF	5	1/16
*R2148	0700031M	180R	CF	5	1/16
*R2149	0700038M	680R	CF	5	1/16
*R2152	0700027M	100R	CF	5	1/16
*R2166	0700038M	680R	CF	5	1/16
*R2170	0700054M	10K	CF	5	1/16

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Ref No.	Part No.	Value	Type	Tol %	Voltage
C715	0243504R	180p	C	10	500
C716	0243504R	180p	C	10	500
C719	0800015R	10u	EL	-	16
C729	0246344	100p	C	10	2000
C730	0243512R	820p	C	10	500
C731	0276673	470n	PF	10	50
C732	0890087R	1n0	C	-	50
C750	0880039R	4n7	PF	10	50
C754	0880035R	2n2	PF	10	50
C755	0890069R	47p	C	5	50
C756	0880035R	2n2	PF	10	50
C757	0890074R	100p	C	5	50
C801	0890079R	270p	C	10	50
C802	0890079R	270p	C	10	50
C803	0890082R	390p	C	-	50
C805	0245612	4n7	C	10	1000
C806	0800049R	100u	EL	-	16
C901	0279698	220n	PF	-	250
⚠ C902	0249396	10n	C	10	400
⚠ C903	0249395	4n7	C	10	400
⚠ C904	0249395	4n7	C	10	400
C905	0282431	100u	EL	-	400
C906	0244215	2n2	C	10	2000
C907	0880044R	10n	PF	10	50
C908	0276673	470n	PF	10	50
C909	0880035R	2n2	PF	10	50
C910	0800015R	10u	EL	-	16
C911	0890074R	100p	C	5	50
C951	0246351	330p	C	10	2000
C952	0259402	180u	EL	-	160
C953	0880053R	47n	PF	10	50
C954	0258114	330u	EL	-	50
C955	0254518R	47u	EL	-	25
C956	0244505R	2n2	C	10	500
C957	0243507R	330p	C	10	500
C958	0800049	100u	EL	-	16
C998	0249498	1n0	C	-	125 AC
⚠ C999	0247974	2n2	C	10	250
*C2126	0800047R	100u	EL	-	6.3
*C2131	0800047R	100u	EL	-	6.3
*C2201	0800129R	22u	EL	-	25
*C2202	0890027M	270p	C	10	50
*C2203	0890027M	270p	C	10	50
*C2205	0880035R	2n2	PF	10	50
*C2206	0880044R	10n	PF	10	50
*C2207	0890012M	18p	C	5	50
*C2209	0890016M	39p	C	5	50
*C2210	0880031R	1n0	PF	10	50
*C2211	0890035M	1n0	C	10	50
*C2214	0800143R	100u	EL	-	6.3
*C2215	0890014M	27p	C	5	50
*C2116	0890027M	270p	C	10	50
*C2117	0880035R	2n2	PF	10	50
*C2218	C150715	100n	MPO	10	63
*C2220	0890017M	47p	C	5	50
*C2221	0890022M	100p	C	10	50
*C2251	C150715	100n	MPO	10	63
*C2260	0890086R	820p	C	10	50
C4001	0890067R	33p	C	5	50
C4002	0890067R	33p	C	5	50
C4003	0890121R	33p	C	5	50
C4004	0890087R	1n0	C	-	50
C4005	0800015R	10u	EL	-	16
C4006	0800003R	1u0	EL	-	50
C4007	0800002	1000u	EL	-	16
C4008	0880048R	22n	PF	10	50
C4009	0800048R	22n	PF	10	50
C4010	0880039R	4n7	PF	10	50
C4011	0800003R	1u0	EL	-	50
C4012	0800023R	22u	EL	-	16
C4013	0800015R	10u	EL	-	16

Ref No.	Part No.	Value	Type	Tol %	Voltage

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Ref. No.	Part No.	Description
IC001	2001543	TMP47C634N-R451
*IC001	2001551	TMP47C834N-R081
IC002	2007421	TC89101P
*IC002	2007422	TC89102
IC003	2366621	LA7910
IC201	2003631	TDA4504B
IC401	T900402	TBA820M
IC501	2003641	TDA4650
IC502	2003651	TDA4660
IC503	2003661	TDA3504
IC601	2003951	TA8427K
IC901	2373291	STR-D6601
⚠ IC902	2917781	CNX82A
IC903	2003991	LM2941C
*IC2201	T900478	CF72303
*IC2202	2009661	CF70095
*IC2203	2009401R	PST529C
IC4001	2003901	TDA2460-2
Q002	T631275	BC548B
Q003	T633134	BF240
Q004	T631275	BC548B
Q201	T631276	BC558B
Q202	T631275	BC548B
Q203	T631275	BC548B
Q204	T633134	BF240
Q206	T631275	BC548B
Q207	2326875R	DTC144WSP
Q234	T631275	BC548B
Q290	T631276	BC558B
Q301	T631275	BC548B
Q302	T631275	BC548B
Q501	T631275	BC548B
Q701	T633140	BF483
Q702	2315161	BU2508DF
Q703	2390024	M21-C
Q801	T633137	BF459
Q802	T633137	BF459
Q803	T633137	BF459
Q804	T631276	BC558B
Q951	T633138	BF423
Q952	T631275	BC548B
*Q2101	T631276	BC558B
*Q2114	T631275	BC548B
*Q2211	T631275	BC548B
*Q2212	T631275	BC548B
*Q2213	T631275	BC548B
Q4001	T631275	BC548B
Q4002	2326873R	DTC144EST
Q4003	2326873R	DTC144EST
D001	T547041	TLSH2101 (RED)
D002	2348921M	IN4531
D005	2348921M	IN4531
D007	2348921M	IN4531
D008	2348921M	IN4531
D009	2348921M	IN4531
D012-17	2348921M	IN4531
D021	2348921M	IN4531
D022	2348921M	IN4531
D032	2348921M	IN4531
D033	2348921M	IN4531
D101	2348921M	IN4531
D201-04	2348921M	IN4531
D206	2348921M	IN4531
D501	2348921M	IN4531
D502	2348921M	IN4531
D503	2348921M	IN4531
D601	T531063	IN4002
D701	2343941M	RGP10G
D702	2343941M	RGP10G
D703	2348921M	IN4531
D704	T531053	IN4148
D705	2343962M	MPG06G
D706	T531053	IN4148
D707	2348921M	IN4531
D801	2348921M	IN4531
D802	2348921M	IN4531

Ref. No.	Part No.	Description
D803	2348921M	IN4531
D805	T531053	IN4148
D806	2348921M	IN4531
D901-04	2342711M	EM2A
D905	2343963M	MPG06J
D906	2343963M	MPG06J
D907	2343963M	MPG06J
D908	T531053	IN4148
D951	2336612	RU3AM
D952	2336612	RU3AM
*D2101	T531053	IN4148
*D2219	2345251M	BB909B
D4001	2348921M	IN4531
ZD001	T536201	5V1 ZENER 500mW
ZD002	2335991M	HZT33-02TA
ZD003	T536190	2V7 ZENER 500mW
ZD501	T536224	BZX79B5V6
ZD701	T536221	BZX79B3V9
ZD702	2339251M	HZS36-ILT
ZD801	T536181	13V ZENER 500mW
ZD802	T536181	13V ZENER 500mW
ZD803	T536181	13V ZENER 500mW
ZD901	T536217	BZX79B2V7
ZD902	T536223	BZX79B4V7
ZD951	T536175	6V8 ZENER 500mW
ZD952	2344121M	P6KE130A
*ZD2101	T536201	BZX79B5V1
L016	2123109M	33uH AXIAL COIL
L051	2122956M	100uH AXIAL COIL
L201	2122253M	100uH AXIAL COIL
L202	2123781R	100uH FILTER COIL
L204	2123105M	15uH AXIAL COIL
L205	2123683	HIGH FREQUENCY COIL
L206	2145801	33.4MHz TRAP COIL
L210	2122253M	100uH AXIAL COIL
L501	2123811	BELL FILTER COIL
L502	2123689	DISCRIMINATOR COIL
L503	2122947M	22uH AXIAL COIL
L504	2123781R	100uH FILTER COIL
L701	2123331	22uH FILTER COIL AND CORE
L703	2123728R	3300uH COIL
L704	2229521	HORIZ. LINEARITY COIL
L705	2123105M	15uH COIL
L802	2123992	75uH FILTER COIL
L900A	2125583	82uH COIL
L900B	2125583	82uH COIL
L901	2122694	LINE FILTER
L902	2124531	LINE FILTER
L903	2125593	470uH CHOKE COIL
L951	2125583	82uH COIL
*L2101	2123781R	100uH FILTER COIL
L2201	2123092M	1.5uH AXIAL COIL
L2202	2123091M	1.2uH AXIAL COIL
L4001	2123687	5.5MHz DISCRIMINATOR COIL
L4002	2123688	6MHz DISCRIMINATOR COIL
L4004	2123683	HIGH FREQUENCY COIL
L4005	2145802	DISCRIMINATOR COIL
T701	2260221	HORIZ. DRIVE TRANSFORMER
⚠ T702	2435085	FLYBACK TRANSFORMER
⚠ T901	2229751	SWITCH MODE TRANSFORMER
CRYSTALS, DELAY LINES, FILTERS etc.		
X001	2168461	4.194MHz CRYSTAL
X501	E516021	8.867MHz CRYSTAL
*X2201	2168231	55.5MHz CRYSTAL
CP201	2305561	SAW FILTER G3950
*CP201	2305571	SAW FILTER G1962M
DL301	2793382	DELAY LINE
MF201	2142243	5.5MHz CERAMIC TRAP
MF4001	2142602	5.5MHz CERAMIC FILTER
MF4002	2142603	6MHz CERAMIC FILTER
MF4003	2305541	SAW FILTER L9453
SG801	2340037	SPARK GAP
⚠ TH901	E441034	THERMISTOR
U001	2574741	IR AMPLIFIER UNIT